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TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/774,682
Filing Date	02/09/2004
First Named Inventor	Brent M. Segal et al
Art Unit	2811
Examiner Name	TBA
Attorney Docket Number	112020.129US2 NAN-6

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
1. PTO Form 1449 2. 18 Publications		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Wilmer Cutler Pickering Hale and Dorr LLP		
Signature			
Printed name	Peter M. Dichiara		
Date	11/24/2004	Reg. No.	38,005

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Tina M. Dougal	Date	11/24/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: RUECKES, et al.

Application No.: 10/774,682

Filed: February 9, 2004

For: Nanotube Films and Articles

Group Art Unit: 2811

Examiner: To Be Assigned

Attorney Docket No.: 112020.129 US2 NAN-6

CERTIFICATE OF MAILING (37 C.F.R. § 1.8 a)

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8a and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 24, 2004.

By: Tina M. Dougal
Tina M. Dougal

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97-98, and M.P.E.P. §609, Applicants hereby enclose Forms PTO-1449 that includes publications that have previously been cited in a prior patent application Serial No. 10/128,118 filed April 23, 2002, now U.S. Patent No. 6,706,402 issued March 16, 2004, from which the above application claims priority under 35 U.S.C. §120. With the exception of the following list of publications identified below, pursuant to 37 C.F.R. § 1.98(d), no further copies of the previously cited art are enclosed.

New U.S. Patents/Publications Not Previously Listed
(Copies not required and not enclosed herewith)

US-2003/0124837
US-2003/0108480
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US-5,909,624
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US-6,784,028
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A1	Winslow, Troy. "Advanced+ Boot Block World's First 0.18-Micron Flash Memory." Flash Products Group. April 17, 2000.
A2	"Double Sided 4Mb SRAM Coupled Cap PBGA Card Assembly Guide." International Business Machines Corp. (IBM), 1998.
A248	Dai, Hongjie. "Controlled Chemical Routes to Nanotube Architectures, Physics, and Devices." <i>The Journal of Physical Chemistry B</i> (1999); 103: 11246-11255.
A249	Colomer, J.-F., et al., "Characterization of Single-Walled Carbon Nanotubes Produced by CCVD Method." <i>Chemical Physics Letters</i> (2001); 345, 11-17.
A251	Cassell, A., et al., "Large Scale Synthesis of Single-Walled Carbon Nanotubes." <i>The Journal of Physical Chemistry B</i> (1999); Vol. 103, No. 22: 6484-6492.
A258	Homma, Y., et al., "Growth of Suspended Carbon Nanotube Networks on 100nm-Scale Silicon Pillars." <i>Applied Physics Letters</i> . (2002); Vol. 81 No. 12, 2261-2263.
A260	Kong, J., et al., "Syntheses of Individual Single-Walled carbon Nanotubes on Patterned Wafers." <i>Nature</i> (1998); 395: 878-881.
A263	Peigney, A., et al., "A Study of the Formation of Single-and-Double-Walled carbon Nanotubes by a CVD Method." <i>The Journal of Physical Chemistry B</i> (2001); 105: 9699-9710.
A264	Franklin, N., et al., "Integration of Suspended Carbon Nanotube Arrays into

	Electronic Devices and Electrochemical Systems." <i>Applied Physics Letters</i> (2002); Vol. 81 No. 5, 913-905.
A267	Reuckes, T., et al., "Carbon Nanotube-Based Nonvolatile Random Access Memory for Molecular Computing." <i>Science</i> , vol. 289, 94-97, July 7, 2000
A269	Soh, et al., "Integrated Nanotube Circuits: controlled growth and ohmic contacting of single-walled carbon nanotubes", <i>Applied Physics Letters</i> , August 2, 1999, Vol. 75, No. 5, 627-629
A276	Snow, E.S. et al., "Random Networks of Carbon Nanotubes as an Electronic Material." <i>Applied Physics Letters</i> , March 31, 2003, Vol. 82, No. 13, 2145-2147.
A277	Bernholc et al., "Mechanical and Electrical Properties of Nanotubes", <i>Annu. Rev. Mater. Res.</i> , 32 (2002) 347.

Enclosed Foreign Patents/Applications

EP 0296716 A3

EP 0665187 B1

EP 0947466 A1

EP 1061040 A1

EP 1061043 A1

It is respectfully requested that the information above be expressly considered and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As this paper is being filed prior to the issuance of a first Office Action on the merits, and pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be due. In the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Dated: November 24, 2004

Respectfully submitted,



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Attorney for Applicants

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Subj: PTO-1449

**INFORMATION DISCLOSURE
IN AN APPLICATION**
(Use several sheets if necessary)

 Sheet **1** OF **40**

Docket Number 112020.129US2	Application Number 10/774,682
Applicant SEGAL, Brent M., et al.	
Filing Date February 9, 2004	Group Art Unit 2811

U.S. Patent Documents

Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	US-5,346,683	09/13/1994	Green et al.	
	US-5,424,054	06/13/1995	Bethune et al.	
	US-5,456,986	10/10/1995	Majetich et al.	
	US-5,482,601	01/09/1996	Ohshima et al.	
	US-5,547,748	08/20/1996	Ruoff et al.	
	US-5,626,812	05/06/1997	Ebbesen et al.	
	US-5,716,708	02/10/1998	Lagow	
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	US-5,780,101	07/14/1998	Nolan et al.	
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	US-5,925,465	07/20/1999	Ebbesen et al.	
	US-5,928,450	07/27/1999	Russell	
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	US-5,973,444	10/26/1999	Xu et al.	
	US-5,985,446	11/16/1999	Lagow	
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	US-6,031,711	02/29/2000	Tennent et al.	
	US-6,060,724	05/09/2000	Flory et al.	
	US-6,063,243	05/16/2000	Zettl et al.	
	US-6,083,624	07/04/2000	Hiura	
	US-6,105,381	08/22/2000	Ghoshal	
	US-6,136,160	10/24/2000	Hrkut et al.	
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	US-6,183,714 B1	02/06/2000	Smalley et al.	
	US-6,203,814 B1	03/20/2001	Fisher et al.	
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	US-6,231,744 B1	05/15/2001	Ying et al.	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.

Subt. For, PTO-1449				Docket Number 112020.129US2 NAN-6	Application Number 10/774,682
INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant SEGAL, Brent M., et al.	
Sheet	2	OF	40	Filing Date February 9, 2004	Group Art Unit 2811

U.S. Patent Documents				
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	US-5,196,396	03/23/1993	Lieber	
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	US-5,444,421	08/22/1995	Carroll et al.	
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U.S. Patent Documents

Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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U.S. Patent Documents				
Examiner Initial	Document No.	Publication Date mm-dd-yyyy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	US-5,751,156	05/12/1998	Muller et al.	
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U.S. Patent Documents				
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	US-4,524,431	06/18/1985	Haken et al.	
	US-3,892,890	07/01/1975	Watanabe et al.	
	US-4,694,427	09/15/1987	Miyamoto et al.	
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	US-6,044,008	03/28/2000	Choi	
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	US-6,165,890	12/26/2000	Kohl et al.	
	US-6,177,703	01/23/2001	Cunningham	
	US-6,203,864	03/20/2001	Zhang et al.	

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	US-6,232,706	05/15/2001	Dai et al.	
	US-6,256,767	07/03/2001	Kuekes et al.	
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.

Subt. For, PTO-1449				Docket Number 112020.129US2 NAN-6	Application Number 10/774,682
INFORMATION DISCLOSURE IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant SEGAL, Brent M., et al.	
Sheet	40	OF	40	Filing Date February 9, 2004	Group Art Unit 2811

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)		
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